

Remarks:

This amendment is submitted in an earnest effort to advance this case to issue without delay.

The specification has been amended to eliminate some minor obvious errors. No new matter whatsoever has been added.

Enclosed herewith are formal drawings that obviate all the cited problems with the drawings without the addition of new matter.

Claims 1-6 and 12 have been canceled and replaced with independent claim 16 that conforms to US practice and avoids all the §112 problems. In addition claim 7-11 and 13-15 have been amended to comply better with US practice and with the terminology of new claim 16.

Thus all the nonart rejections have been dealt with.

New claim 16 clearly defines an invention patentable over the cited art. Nothing in the cited art - US 4,666,227 of Galizia and US 5,437,566 of Zinn suggests a pair of interfitting tubular conductors, with respective conductor holders that are locked in place by respective detent hooks, with seals for the cables and

another seal between the two housings. A rejection under §103 of new claim 16 is obviated.

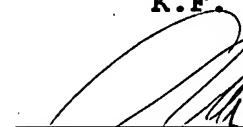
The system according to the invention is designed for use with a solar panel where it is subjected to extremely difficult environmental conditions, mainly water. Thus this connector has a complex seal system that completely isolates the interfitting parts that actually conduct electricity and keep the system perfectly dry in its critical areas. At the same time the entire system is formed of a few simple parts that can be made at low cost. They represent a simple plug-and-forget assembly that can be certain to have a long service life.

For these reasons the claims are clearly in condition for allowance. Notice to that effect is earnestly solicited.

If only minor problems that could be corrected by means of a telephone conference stand in the way of allowance of this

case, the examiner is invited to call the undersigned to make the necessary corrections.

Respectfully submitted,
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Enclosure: Request for extension (three months)
Replacement Drawing (4 sheets)